

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L26	12	dither same control same system same microprocessor same output same signal	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/08 12:18
L27	25	dither same control same system same microprocessor same signal	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/08 12:19
L28	46	dither same control same system same microprocessor	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/08 12:19
L29	47	dither same control same system same (microprocessor or micro-processor or "micro processor")	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/08 12:20
L30	520	dither same control same system same output same signal	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/08 12:20
L31	172	angle same position same swash same pressure same spool	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/08 12:24
L32	0	I31 and I30	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/08 12:21
L33	7	("3093081"   "3265008"   "3807283"   "5630352"   "6361282").PN. OR ("7021904").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/08 12:23
L34	0	I31 and dither	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/08 12:24
L35	1	dither same control same swash same angle	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/08 12:25
L36	0	Interpolate same control same swash same angle	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/08 12:25
L37	0	interpolate same control same swash	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/08 12:25
L38	2	interpolat\$4 same control same swash	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/08 12:25
L39	27	("4373850").PN. OR ("4606313").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/08 12:30
L45	6	US-6345528-\$.DID. OR US-6162022-\$.DID. OR US-5151250-\$.DID. OR US-4850806-\$.DID. OR US-6652240-\$.DID. OR US-6648609-\$.DID.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/08 13:04
L46	2	US-5108264-\$.DID. US-4883409-\$.DID.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/08 13:07
L47	4	("4373864"   "5089124"   "5281406"   "5305232").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/08 13:13
L48	1	swash and dither and interpolat\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/08 13:14
L49	24	swash and dither	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/08 13:42

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L50	10	("4880360"   "5092741"   "5145325"   "6230507"   "6247900"   "6439857"   "6484520"   "6550260"   "6617727"   "6622500"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/08 13:22
L51	92	swash and PWM	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/08 13:42
S4	160	417/26.cds.	USPAT	OR	OFF	2006/10/25 10:53
S6	5363	417/115,221,213,511,510,362,92,331,211,5,314/60/200.1,325, 356,358,368,381,382,385,391,386,445,446,465,492.cds.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/03 14:18
S8	1675	S6 and ("dither" or "control system" or microprocessor or micro processor or transmission or hydrostatic)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/03 14:57
S10	977	S8 and @pn<"10152003"	USPAT	OR	OFF	2006/07/03 14:25
S11	4	S10 and dither	USPAT	OR	OFF	2006/07/06 14:18
S19	766	417/222.1.cds.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/10 16:32
S20	766	S19 @pd<"10152003"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/06 08:34
S25	1523	("swash plate" or "swashplate") and "417".cds.	USPAT	OR	OFF	2006/07/06 14:26
S34	1541	417/53.cds.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/24 17:51
S35	0	S34 and (("dither" or "dithered") and generate\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/10 16:32
S36	0	S34 and (("dither" or "dithered"))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/10 16:32
S37	0	S34 and dither	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/10 16:32
S38	766	417/222.1.cds.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/10 19:48
S39	1	S38 and "dither" and generate	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/10 16:33
S40	766	417/222.1.cds.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/10 19:49
S41	583183	S40 and feedback sensor	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/10 19:49
S42	1	S40 and "feedback sensor"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/10 19:49
S43	1	"5118263".pn.	USPAT	OR	OFF	2006/07/17 13:56

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S44	35	(US-20060073047-\$ or US-20060112684-\$).did. or (US-5085051-\$ or US-6675577-\$ or US-6537037-\$ or US-4801247-\$ or US-4768340-\$ or US-5575148-\$ or US-4490619-\$ or US-4474104-\$ or US-4399886-\$ or US-6494039-\$ or US-6718759-\$ or US-5273403-\$ or US-5890877-\$ or US-7037236-\$ or US-5659485-\$ or US-5630317-\$ or US-6852064-\$ or US-6561076-\$ or US-6285939-\$ or US-6381529-\$ or US-6966180-\$ or US-6296455-\$ or US-5251440-\$ or US-4236596-\$ or US-5647208-\$ or US-4197705-\$).did. or (US-4194361-\$ or US-4139987-\$ or US-6685437-\$ or US-3881317-\$ or US-4960365-\$ or US-3700356-\$ or US-3740950-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/10/24 17:44
S45	24	S44 and swash	USPAT	OR	OFF	2006/10/24 17:44
S46	0	S45 and "interpolate"	USPAT	OR	OFF	2006/10/24 17:45
S47	0	"swash" and "interpolate"	USPAT	OR	OFF	2006/10/24 17:46
S48	1	"swash" and "interpolate"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/24 17:45
S49	49	"swash" and interpolat\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/24 17:46
S50	1569	417/53.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/30 21:31
S51	39	S50 and "swash"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/24 18:05
S52	39	S50 and swash	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/24 17:52
S57	1	"6517321".pn.	USPAT	OR	OFF	2006/10/25 15:07
S58	6	("5173032"   "5316446"   "5573379"   "5577894"   "5836748"   "6203284").PN. OR ("6517321").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/25 15:07
S59	34	("4729718"   "4730986"   "4747754"   "4801248"   "4842488"   "4867649").PN. OR ("5173032").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/25 15:21
S60	1569	417/53.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/30 21:31
S61	39	S60 and ("swash")	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/30 21:32
S62	52	S60 and ("swash" or "swashplate")	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/30 21:32
S63	0	S62 and "dither"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/30 21:32
S64	7	S60 and dither\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/30 21:32
S65	15	("3612724"   "3826593"   "4234292"   "4456434"   "4734011"   "5475976").PN. OR ("5588805").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/30 21:40
S66	25	"4546403" "5432693" "5673166" "5947086" "6285913" "6516235".pn.	USPAT	OR	OFF	2006/10/31 10:22
S67	24	"4546403" "5432693" "5673166" "5947086" "6285913" "6516235".pn.	USPAT	OR	OFF	2006/10/31 10:22

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S68	5	klocke-craig-c.in.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/10/31 10:27
S69	14	("4139987"   "4510750"   "5588805"   "5666806"   "5865602"). PN. OR ("6375433").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/31 10:46
S70	32	("20020176784"   "3665814"   "3976098"   "4139987"   "4399653"   "4474104"   "4510750"   "4561250"   "4809504"   "4967557"   "5058383"   "5266756"   "5295795"   "5435131"   "5447027"   "5527156"   "5554007"   "5564905"   "5588805"   "5666806"   "5865602"   "5876185"   "5944492"   "5960695"   "6048177"   "6131391"   "6179570"   "6282892"   "6374722"   "6375433"   "6468046"   "H001191").PN. OR ("6684636").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/31 10:54
S71	0	"200310044289".did.	US-PGPUB; USPAT	OR	OFF	2006/10/31 15:49
S72	0	"200310044289"	US-PGPUB	OR	OFF	2006/10/31 15:50
S73	0	"200310044289"	US-PGPUB; USOCR	OR	OFF	2006/10/31 15:50
S74	0	"200310044289".did.	US-PGPUB; USOCR	OR	OFF	2006/10/31 15:50
S75	1756	Matsuda.in.	US-PGPUB; USOCR	OR	OFF	2006/10/31 15:50
S76	8	("3282225"   "3319419"   "3463087"   "5285641"   "5564905"). PN. OR ("6640687").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/07 20:28
S77	99544	"417".das.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/07 20:36
S78	1041	S77 and (angle near\$5 swash\$9)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/07 20:29
S79	293	S78 and method	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/07 20:30
S80	9	S79 and "algorithm"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/07 20:33
S81	12	S77 and (dither\$3 and swash\$8)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/07 20:33
S82	2080	("swash plate" or "swashplate" and dither\$3) and "417".das.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/07 20:34
S83	11	S82 and "algorithm"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/07 20:35
S84	1570	417/53.cds.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/07 20:36
S85	27	S84 and (angle near\$3 swash\$8)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/07 20:36

# Inventor Information for 10/686369

Inventor Name	City	State/Country
KLOCKE, CRAIG C.	AMES	IOWA

Appln Info	Contents	Petition Info	Atty/Agent Info	Continuity/Reexam	Foreign Data	Invent
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